

SUPPLEMENT TO PERMIT NO. 782-91A

Global Stone Port Inland, Inc.  
Gulliver, Michigan

May 27, 1999

GENERAL CONDITIONS

1. Rule 201(1) - The process or process equipment covered by this permit shall not be reconstructed, relocated, altered, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule.
2. Rule 201(4) - If the installation, reconstruction, relocation, or alteration of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the person to whom this permit was issued, or the designated authorized agent, shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, reconstruction, relocation, or alteration of the equipment allowed by this Permit to Install.
3. Rule 201(6)(a) - If this Permit to Install is issued for a process or process equipment located at a stationary source that is subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, trial operation is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install and until the appropriate terms and conditions of this Permit to Install have been incorporated into the Renewable Operating Permit. Upon incorporation of the appropriate terms and conditions into the Renewable Operating Permit, this Permit to Install shall become void.
4. Rules 201(6)(b) - If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and condition of this Permit to Install.
5. Rule 201(8) and Section 5510 of Act 451, P.A. 1994 - The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Departments' rules or the Clean Air Act.
6. Rule 219 - The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R 336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b) and (c) of R 336.1219. The written request shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality.
7. Rule 901 - Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property.

8. Rule 912 - The owner or operator of a source, process, or process equipment shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant in excess of standards for more than one hour, or of any air contaminant in excess of standards for more than two hours, as required in this rule, to the District Supervisor, Air Quality Division. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the District Supervisor within 10 days, with the information required in this rule.
9. Approval of this permit does not exempt the person to whom this permit was issued from complying with any future applicable requirements which may be promulgated under Part 55 of Act 451, P.A. 1994 or the Clean Air Act.
10. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
11. Operation of this equipment may be subject to other requirements of Part 55 of Act 451, P.A. 1994, and the rules promulgated thereunder.
12. Rule 301 - Except as provided in subrules (2) and (3) or unless the special conditions of this Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, a person shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303.
  - a) A 6-minute average of 20% opacity, except for one 6-minute average per hour of not more than 27% opacity.
  - b) A visible emission limit specified by an applicable federal new source performance standard.
  - c) A visible emission limit specified as a special condition of this permit to install.
13. Rule 370 - Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2).
14. Rule 285 - Except as allowed by Rule 285 (a), (b), and (c), applicant shall not substitute any fuels, coatings, nor raw materials for those described in the application and allowed by this permit, nor make changes to the process or process equipment described in the application, without prior notification to and approval by the Air Quality Division.
15. The Department may require the applicant to conduct acceptable performance tests, at the applicant's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001.

SPECIAL CONDITIONS

1. Applicant shall not remove more than 4,000,000 tons of dolomite limestone from the dolomite limestone quarry per calendar year. A monthly record of the amount of limestone removed from the quarry shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request.
2. Applicant shall not process more than 4,000,000 tons of dolomite limestone through the dolomite limestone processing plant per calendar year. A monthly record of the amount of limestone processed through the plant shall be kept on file for a period of at least two years and made available to the Air Quality Division upon request.
3. Applicant shall not operate more than three rock drills simultaneously, nor shall the rock drills be operated in excess of the schedule shown below.

| <u>Month</u> | <u>Total allowed hours of drilling per month (combined)</u> |
|--------------|-------------------------------------------------------------|
| January      | 300                                                         |
| February     | 300                                                         |
| March        | 900                                                         |
| April        | 2025                                                        |
| May          | 2025                                                        |
| June         | 2025                                                        |
| July         | 2025                                                        |
| August       | 2025                                                        |
| September    | 2025                                                        |
| October      | 2025                                                        |
| November     | 2025                                                        |
| December     | 300                                                         |
| Total        | 18000                                                       |

A monthly record of the hours of drilling shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request.

4. Rule 331 - The particulate emissions from each of the rock drills shall not exceed 0.03 pounds per 1000 pounds of exhaust gases, calculated on a dry gas basis.
5. Visible emissions from the rock drills shall not exceed 10% opacity.
6. Visible emissions from the pan feeder, the 5 x 12 single deck screen, the primary crusher, the double deck screen, the secondary crusher, the Canica vertical impact crusher or the classifier shall not exceed 10% opacity. This limit is based on the Federal Standards of Performance for New Stationary Sources, 40 CFR, Part 60, subparts A and OOO.
7. Visible emissions from all conveyors and all transfer points shall not exceed 10% opacity. This limit is based on the Federal Standards of Performance for New Stationary Sources, 40 CFR, Part 60, Subparts A and OOO.
8. There shall be no visible emissions from the triple deck screen. This limit is based on the Federal Standards of Performance for New Stationary Sources, 40 CFR, Part 60, subparts A and OOO.

9. Visible emissions from each of the limestone storage piles or the ship loading facility shall not exceed 5% opacity.
10. Visible emissions from all truck traffic and/or front-end loader traffic shall not exceed 5% opacity.
11. Within 60 days after achieving the maximum production rate, but not later than 180 days after the commencement of trial operation, Federal Standards of Performance for New Stationary Sources require verification of visible emission rates from the Canica vertical impact crusher, the two conveyors and all transfer points associated with this equipment by testing, at owner's expense, in accordance with 40 CFR, Part 60, Subparts A and OOO. Verification of emission rates includes the submittal of a complete report of the test results. Applicant shall notify the District Supervisor in writing within 15 days of the date of commencement of trial operation in accordance with 40 CFR, Part 60.7(a)(3). Testing procedures and the location of testing shall be in accordance with the applicable federal Reference Methods, 40 CFR, Part 60, Appendix A. No less than 7 days prior to testing, a complete testing plan must be submitted to the Air Quality Division. The final plan must be approved by the Air Quality Division prior to testing.
12. A written notification of the actual date of initial startup of the vertical impact crusher and the two new conveyors is required to comply with the Federal Standards of Performance for New Stationary Sources, as specified in 40 CFR, Part 60, Subpart A. This notification shall be submitted to the Air Quality Division within 15 days after the startup.
14. Applicant shall not operate the rock drills unless their respective baghouses are installed and operated properly.
15. Applicant shall equip and maintain each of the following pieces of process equipment: the secondary crusher, the tertiary crusher (Canica vertical impact crusher) feed and discharge points, and the primary crusher discharge points with enclosures whenever the piece of equipment is in operation.
16. Applicant shall equip and maintain each of the following pieces of process equipment: The primary crusher discharge point, conveyor 110 transfer point, conveyor 130 transfer point, the secondary crusher feed and discharge points, and the product screen (triple deck wash screen) with water sprays whenever the piece of equipment is in operation.
17. Applicant shall not operate the dolomite limestone quarry, the modified dolomite limestone processing plant, and/or the crushed limestone ship loading facility unless the program for continuous fugitive emissions control for all plant roadways, the plant yard, all material storage piles, and all material handling operates specified in Appendix A has been implemented and is maintained.

APPENDIX A

Global Stone Port Inland, Inc.

Fugitive Dust Control Plan

1. Applicant shall equip and maintain a dedicated water tank truck with a spray bar for application of water for fugitive dust control.
2. Applicant shall apply water to the haul roads as necessary to maintain the visible emissions from the haul roads at less than 5% opacity.
3. Applicant shall delay application of water during extended wet weather periods or when quarry is not operating as long as visible emissions from the haul roads are maintained at less than 5% opacity.
4. Paved areas and unpaved processing areas shall be sprayed as needed to maintain visible emissions from these areas at less than 5% opacity.
5. Records of the date and locations of the water spray applications shall be kept on file for a period of at least two years. These records shall be made available to the Air Quality Division upon request (these can simple be records kept in plant's daily operating logs).
6. Applicant shall use water sprays, enclosures, and fabric filters to control dust emissions from the stone processing plant, as indicated in the permit application.
7. A water spray will be used to maintain visible emissions from the High Calcium and Dolomite surge piles at less than 5% opacity.
8. Fine stone screening operations involve washing the stone to remove fine material. Washing operations will be used to maintain visible emissions from the finished product storage piles at less than 5% opacity.